

In the Specification:

The paragraph, beginning at page 69, line 6, has been amended as follows:

D  
-Percent amino acid sequence identity may also be determined using the sequence comparison program NCBI-BLAST2 (Altschul et al., Nucleic Acids Res. 25:3389-3402 (1997)).  
The ~~NCBI-BLAST2 sequence comparison program may be downloaded from~~ <http://www.ncbi.nlm.nih.gov>. NCBI-BLAST2 uses several search parameters, wherein all of those search parameters are set to default values including, for example, unmask = yes, strand = all, expected occurrences = 10, minimum low complexity length = 15/5, multi-pass e-value = 0.01, constant for multi-pass = 25, dropoff for final gapped alignment = 25 and scoring matrix = BLOSUM62.

The paragraph, beginning at page 71, line 26, has been amended as follows:

D2  
-Percent nucleic acid sequence identity may also be determined using the sequence comparison program NCBI-BLAST2 (Altschul et al., Nucleic Acids Res. 25:3389-3402 (1997)).  
The ~~NCBI-BLAST2 sequence comparison program may be downloaded from~~ <http://www.ncbi.nlm.nih.gov>. NCBI-BLAST2 uses several search parameters, wherein all of those search parameters are set to default values including, for example, unmask = yes, strand = all, expected occurrences = 10, minimum low complexity length = 15/5, multi-pass e-value = 0.01, constant for multi-pass = 25, dropoff for final gapped alignment = 25 and scoring matrix = BLOSUM62.

The paragraph, beginning at page 147, line 20 has been amended as follows:

D3  
-Commercially available reagents referred to in the examples were used according to manufacturer's instructions unless otherwise indicated. The source of those cells identified in the following examples, and throughout the specification, by ATCC accession numbers is the American Type Culture Collection, [Rockville, Maryland] Manassas, VA.

The paragraph beginning at page 147, line 27, has been amended as follows:

D4  
✓  
The extracellular domain (ECD) sequences (including the secretion signal sequence, if any) from about 950 known secreted proteins from the Swiss-Prot public database were used to search EST databases. The EST databases included public databases (e.g., Dayhoff, GenBank), and proprietary databases (e.g. LIFESEQ™, Incyte Pharmaceuticals, Palo Alto, CA). The search was performed using the computer program BLAST or BLAST2 (Altschul, and Gish, Methods in Enzymology 266: 460-80 (1996); ~~http://blast.wustl.edu/blast/README.html~~) as a comparison of the ECD protein sequences to a 6 frame translation of the EST sequences. Those comparisons with a Blast score of 70 (or in some cases 90) or greater that did not encode known proteins were clustered and assembled into consensus DNA sequences with the program "phrap" (Phil Green, University of Washington, Seattle, Washington).

The paragraph, beginning at page 154, line 14 has been amended as follows:

D5  
✓  
The EST sequence accession number AF007268, a murine fibroblast growth factor (FGF-15) was used to search various public EST databases (e.g., GenBank, Dayhoff, etc.) The search was performed using the computer program BLAST or BLAST2 ~~Altschul et al., Methods in Enzymology, 266:460-480 (1996); http://blast.wustl.edu/blast/README.html~~ as a comparison of the ECD protein sequences to a 6 frame translation of the EST sequences. The search resulted in a hit with GenBank EST AA220994, which has been identified as stratagene NT2 neuronal precursor 937230.

The paragraph beginning at page 167, line 30, has been amended as follows:

D6  
✓  
The extracellular domain (ECD) sequences (including the secretion signal, if any) of from about 950 known secreted proteins from the Swiss-Prot public protein database were used to search expressed sequence tag (EST) databases. The EST databases included public EST databases (e.g., GenBank) and a proprietary EST DNA database (LIFESEQ™, Incyte Pharmaceuticals, Palo Alto, CA). The search was performed using the computer program BLAST or BLAST2 (Altshul et al., Methods in Enzymology 266:460-480 (1996)) as a comparison of the ECD protein sequences to a 6 frame translation of the EST sequence. Those

D6  
comparisons resulting in a BLAST score of 70 (or in some cases 90) or greater that did not encode known proteins were clustered and assembled into consensus DNA sequences with the program "phrap" (Phil Green, University of Washington, Seattle, Washington; <http://bozeman.mbt.washington.edu/phrap.doos/phrap.html>)

The paragraph beginning at page 178, line 14, has been amended as follows:

D7  
The extracellular domain (ECD) sequences (including the secretion signal, if any) of from about 950 known secreted proteins from the Swiss-Prot public protein database were used to search expressed sequence tag (EST) databases. The EST databases included public EST databases (e.g., GenBank) and a proprietary EST DNA database (LIFESEQ™, Incyte Pharmaceuticals, Palo Alto, CA). The search was performed using the computer program BLAST or BLAST2 (Altshul et al., Methods in Enzymology 266:460-480 (1996)) as a comparison of the ECD protein sequences to a 6 frame translation of the EST sequence. Those comparisons resulting in a BLAST score of 70 (or in some cases 90) or greater that did not encode known proteins were clustered and assembled into consensus DNA sequences with the program "phrap" (Phil Green, University of Washington, Seattle, Washington; <http://bozeman.mbt.washington.edu/phrap.doos/phrap.html>)

The paragraph, beginning at page 250, line 2, has been amended as follows:

The following materials have been deposited with the American Type Culture Collection, [12301 Parklawn Drive, Rockville, MD,] 10801 University Boulevard, Manassas, VA USA (ATCC):

T, 2510  
D8

| <u>Material</u> | <u>ATCC Dep. No.</u> | <u>Deposit Date</u> |
|-----------------|----------------------|---------------------|
| DNA32292-1131   | ATCC 209258          | September 16, 1997  |
| DNA33094-1131   | ATCC 209256          | September 16, 1997  |
| DNA33223-1136   | ATCC 209264          | September 16, 1997  |
| DNA34435-1140   | ATCC 209250          | September 16, 1997  |
| DNA27864-1155   | ATCC 209375          | October 16, 1997    |
| DNA36350-1158   | ATCC 209378          | October 16, 1997    |
| DNA32290-1164   | ATCC 209384          | October 16, 1997    |

DNA35639-1172 ATCC 209396 October 17, 1997  
 DNA33092-1202 ATCC 209420 October 28, 1997  
 DNA49435-1219 ATCC 209480 November 21, 1997  
 DNA35638-1141 ATCC 209265 September 16, 1997  
 DNA32298-1132 ATCC 209257 September 16, 1997  
 DNA33089-1132 ATCC 209262 September 16, 1997  
 DNA33786-1132 ATCC 209253 September 16, 1997  
 DNA35918-1174 ATCC 209402 October 17, 1997  
 DNA37150-1178 ATCC 209401 October 17, 1997  
 DNA38260-1180 ATCC 209397 October 17, 1997  
 DNA39969-1185 ATCC 209400 October 17, 1997  
 DNA32286-1191 ATCC 209385 October 16, 1997  
 DNA33461-1199 ATCC 209367 October 15, 1997  
 DNA40628-1216 ATCC 209432 November 7, 1997  
 DNA33221-1133 ATCC 209263 September 16, 1997  
 DNA33107-1135 ATCC 209251 September 16, 1997  
 DNA35557-1137 ATCC 209255 September 16, 1997  
 DNA34434-1139 ATCC 209252 September 16, 1997  
 DNA33100-1159 ATCC 209373 October 16, 1997  
 DNA35600-1162 ATCC 209370 October 16, 1997  
 DNA34436-1238 ATCC 209523 December 10, 1997  
 DNA33206-1165 ATCC 209372 October 16, 1997  
 DNA35558-1167 ATCC 209374 October 16, 1997  
 DNA35599-1168 ATCC 209373 October 16, 1997  
 DNA36992-1168 ATCC 209382 October 16, 1997  
 DNA34407-1169 ATCC 209383 October 16, 1997  
 DNA35841-1173 ATCC 209403 October 17, 1997  
 DNA33470-1175 ATCC 209398 October 17, 1997  
 DNA34431-1177 ATCC 209399 October 17, 1997  
 DNA39510-1181 ATCC 209392 October 17, 1997  
 DNA39423-1182 ATCC 209387 October 17, 1997  
 DNA40620-1183 ATCC 209388 October 17, 1997  
 DNA40604-1187 ATCC 209394 October 17, 1997  
 DNA38268-1188 ATCC 209421 October 28, 1997  
 DNA37151-1193 ATCC 209393 October 17, 1997  
 DNA35673-1201 ATCC 209418 October 28, 1997  
 DNA40370-1217 ATCC 209485 November 21, 1997  
 DNA42551-1217 ATCC 209483 November 21, 1997  
 DNA39520-1217 ATCC 209482 November 21, 1997  
 DNA41225-1217 ATCC 209491 November 21, 1997  
 DNA43318-1217 ATCC 209481 November 21, 1997  
 DNA40587-1231 ATCC 209438 November 7, 1997

DNA41338-1234 ATCC 209927 June 2, 1998  
 DNA40981-1234 ATCC 209439 November 7, 1997  
 DNA37140-1234 ATCC 209489 November 21, 1997  
 DNA40982-1235 ATCC 209433 November 7, 1997  
 DNA41379-1236 ATCC 209488 November 21, 1997  
 DNA44167-1243 ATCC 209434 November 7, 1997  
 DNA39427-1179 ATCC 209395 October 17, 1997  
 DNA40603-1232 ATCC 209486 November 21, 1997  
 DNA43466-1225 ATCC 209490 November 21, 1997  
 DNA43046-1225 ATCC 209484 November 21, 1997  
 DNA35668-1171 ATCC 209371 October 16, 1997  
 DNA77624-2515 ATCC 203553 December 22, 1998

Please replace the paragraph beginning at page 25 1, line 10, with the following rewritten paragraph:

These deposit were made under the provisions of the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purpose of Patent Procedure and the Regulations there under (Budapest Treaty). This assures maintenance of a viable culture of the deposit for 30 years from the date of deposit. The deposits will be made available by ATCC under the terms of the Budapest Treaty, and subject to an agreement between Genentech, Inc. and ATCC, which assures that all restrictions imposed by the depositor on the availability to the public of the deposited material will be irrevocably removed upon the granting of the pertinent U.S. patent, assures permanent and unrestricted availability of the progeny of the culture of the deposit to the public upon issuance of the pertinent U.S. patent or upon laying open to the public of any U.S. or foreign patent application, whichever comes first, and assures availability of the progeny to one determined by the U.S. Commissioner of Patents and Trademarks to be entitled thereto according to 35 USC § 122 and the Commissioner's rules pursuant thereto (including 37 CFR § 1.14 with particular reference to 886 OG 638).